

Anti-Collagen X antibody ab58632

★★★★★ 9 Abreviews 227 References 1 图像

概述

产品名称	Anti-Collagen X抗体
描述	兔多克隆抗体to Collagen X
宿主	Rabbit
特异性	ab58632 recognizes type X collagen. Exhibits slight cross-reactivity with fibronectin and type II and type IX collagen. Does not cross-react with type I, type III, or type XI collagen.
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Full length native protein (purified) Type X collagen from rat chondrosarcoma cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      Abpromise™承诺保证使用ab58632于以下的经测试应用

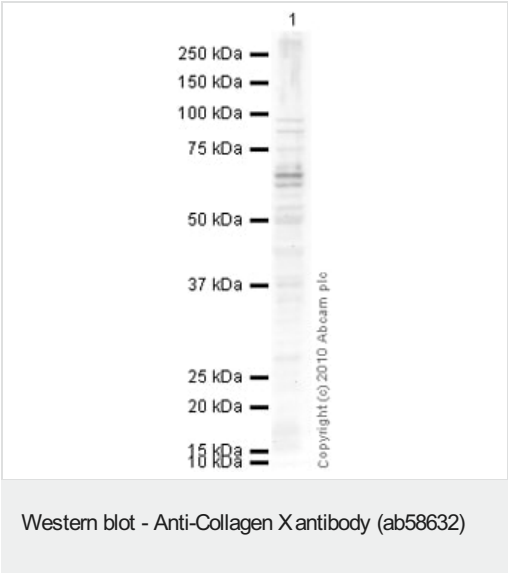
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/100 - 1/300.

靶标

功能	Type X collagen is a product of hypertrophic chondrocytes and has been localized to presumptive mineralization zones of hyaline cartilage.
疾病相关	Defects in COL10A1 are the cause of Schmid type metaphyseal chondrodysplasia (SMCD) [MIM:156500]. SMCD is a dominantly inherited disorder of the osseous skeleton. The cardinal features of the phenotype are mild short stature, coxa vara and a waddling gait. Radiography usually shows sclerosis of the ribs, flaring of the metaphyses, and a wide irregular growth plate, especially of the knees. A variant form of SMCD is spondylometaphyseal dysplasia Japanese type. It is characterized by spinal involvement comprising mild platyspondyly, vertebral body abnormalities, and end-plate irregularity.
序列相似性	Contains 1 C1q domain.
翻译后修饰	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.
细胞定位	Secreted > extracellular space > extracellular matrix.

图片



Anti-Collagen X antibody (ab58632) at 1/500 dilution + HT 1080 (Human fibrosarcoma) Whole Cell Lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Observed band size:** 64,66 kDa  
**Additional bands at:** 37 kDa, 50 kDa, 98 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 150 seconds

The band observed at 64 kDa could potentially be a cleaved form of Collagen X due to the presence of a 18 amino acid signal peptide.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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